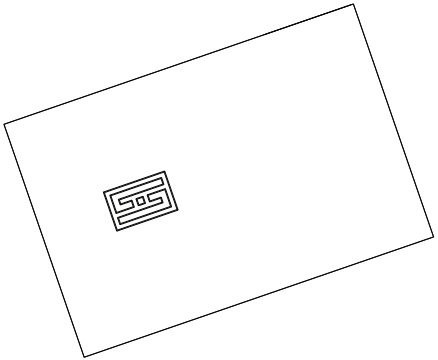


MIMIR

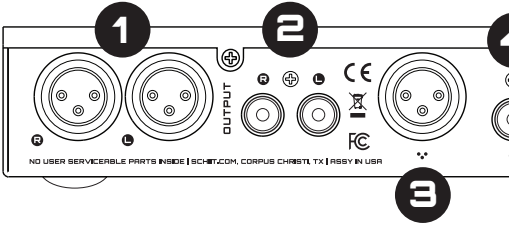
BALANCED MESH™ DAC
FORKBEARD™ PREAMP & EQ

INTRODUCTION

Mimir is the first Mesh™ DAC, combining our unique time- and frequency-domain optimized digital filter with a standard delta-sigma modulator. Putting these two technologies together results in something much greater than each alone: the spectacular imaging and accuracy of our digital filter, and the affordability of an off-the-shelf design.

But that's just the start. Add a Forkbeard™ module, and Mimir becomes a full digital preamp, with full remote control, additional DAC functionality, digital volume, and parametric EQ!

What's more, Mimir also brings Linear Override to the mix, allowing you to use it as a USB-powered device, or plug in an AC wall-wart for more headroom and higher output.



CONNECTIONS

OUTPUTS

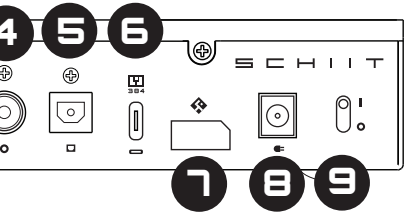
1 XLR outputs. Connect these outputs to your balanced preamp, integrated amp, or amp using high-quality XLR cables.

2 RCA outputs. Connect these outputs to your single-ended preamp, integrated amp, or amp using high-quality RCA cables.

Note: both RCA and XLR outputs are active at all times, and independent. You can connect them to two different amps.

INPUTS

3 AES input. Connect any XLR digital input here, using a high quality digital XLR cable.



4 Coax input. Connect any coaxial digital input here, using a high quality digital RCA cable.

5 Optical input. Connect any optical digital input, using a high quality optical cable.

6 Unison 384 input. Connect your streamer, computer, tablet, or other USB source with a high-quality, USB-C terminated cable. We recommend a USB-C 2.0 cable, since you don't need the superspeed stuff for audio. Keeping the USB 2m or less in length also helps. This input supports bit depths and sample rates up to 32 bits/384 kHz.

CONTROL

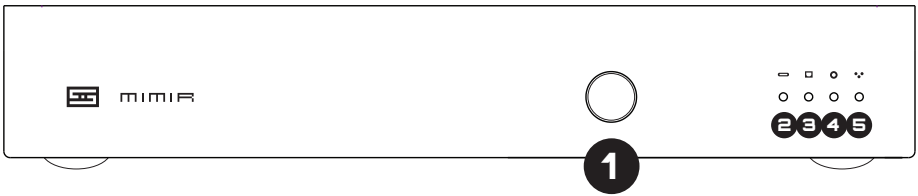
7 Forkbeard port. Plug a Forkbeard module in here to enable remote control, system status reporting, digital volume control, and parametric EQ. All processing functions can be disabled.

POWER

8 Linear Override input. Mimir can run just fine off the USB port for easy transportability, but connecting the supplied AC wall adapter here gives you more headroom and higher output.

Note: we use a specific AC-AC wall adapter of 1-2A, 14-16VAC output. AC to DC adapters (common among "enhanced" or "audiophile" wall-warts) will not work.

9 Power switch. Up for on, down for off. Simple as that. However, it won't work unless you have power from a USB cable or from the Linear Override.



DAC OPERATION

CONTROLS

1 Input select. Press to step through the inputs. Stop on the one you want to listen to.

INDICATORS

2 Unison 384 input. When this LED is on, you've selected the Unison 384 USB input.

3 Optical input. When this LED is on, you're on the optical input.

4 Coaxial input. You guessed it—this indicates the coaxial input.

5 AES input. When lit, you're on the AES input.

WAIT A SEC THAT'S IT?

Yep. That's it for the front panel. We kept it super-simple for when you're using Mimir as a DAC.

If you want full digital preamp capabilities, including volume, parametric EQ, phase inversion, and mode switching (Mesh™ and NOS), you'll need to add Forkbeard.

Please visit schiit.com/forkbeard for currently supported platforms and Forkbeard-specific information.

PREAMP & EQ OPERATION

When you have Forkbeard, Mimir adds more DAC capabilities, and becomes a full digital preamp with parametric EQ.

As a digital preamp, it will operate differently than a DAC.

1 When you first plug in a Forkbeard module, Mimir will reduce output volume to zero. This ensures you won't have any surprises if you want to directly connect to a power amp. You can then adjust volume with the Forkbeard app. After you've used the app, Mimir will store your preferred volume level for the future.

2 You can adjust volume, change stereo balance and apply parametric EQ using the Forkbeard app.

3 Parametric EQ allows you to adjust the frequency response, to optimize your system or recordings.

4 Volume uses our own algorithm for good performance down to very low volume levels.

5 All of this adds up to "You can connect Mimir straight into an amp and have a full digital preamp system, as long as you're good with controlling it via Forkbeard."

6 If you're looking for ultimate precision in a truly lossless analog volume control, Saga 2 provides relay ladder passive attenuation, plus preamp gain if you need it. It also gives you physical knobs and buttons for control. As well as an IR remote for if you don't want to use Forkbeard all the time.

7 Forkbeard also gives you additional DAC controls. Absolute phase inversion, Mesh™ and NOS mode switching, remote input selection, mute, and sample rate reporting are the ones available as of this writing.

8 Forkbeard capabilities may change over time. We recommend you refer to schiit.com/forkbeard for the most current information.

FAQ

How do I use Mimir as a preamp and EQ?
You'll need Forkbeard for that. If you didn't get a Forkbeard module when you ordered Mimir, you can get one at schiit.com. Currently supported platforms and more information are available at schiit.com/forkbeard.

What if I just want to use this as a DAC, no digital processing schenanigans?
Then you don't need Forkbeard. Without a Forkbeard module, Mimir functions as a pure DAC. Or, if you have Forkbeard, you can disable any or all processing easily.

Can I run Mimir on USB power?
Yes. If you have Mimir plugged into a device (or USB power supply) capable of providing 500mA of current, then you can run Mimir without using the wall-wart. This allows for easy transportability.

Why did you give me a wall-wart, then?
Using the Linear Override power supply increases power supply rails on Mimir, enhancing headroom and output.

I don't get any sound from Mimir!
If you're using Forkbeard, check on the app to make sure you haven't turned the volume all the way down. Beyond that, check your source. If you're using a computer source, ensure that your computer's sound output is set to go to Mimir in BOTH your Control Panel/System Prefs AND your player software.

I have a version of Windows earlier than Windows 10, where do I get drivers?
We do not provide drivers for earlier versions of Windows. All modern operating systems support our UAC2 compliant input without drivers.

Can I leave Mimir on all the time?
Sure, if you want to. It won't hurt anything.

It doesn't turn on, what do I do?
Try a different USB power source, and try the included wall-wart. Ensure you are not currently in a blackout. Then email us if it still doesn't turn on.

WARRANTY

Schiit Audio warrants to the original purchaser that this product shall be free from defects in material and workmanship for three (3) years from the date of purchase. If a defect covered by this warranty occurs during this period, Schiit Audio will repair the defective product, free of charge. Date of purchase will be based on customer receipts, otherwise date of manufacturing will be used.

If you believe you need warranty service, contact us first. Schiit Audio products sent back to us without a Return Authorization (RA) will be returned to the sender without repair. To contact us and obtain an RA, email info@schiit.com.

Warranty Limitations. This warranty shall not apply if a product: (a) is modified or tampered with; (b) is damaged by negligence, accident, unreasonable use, or other causes unrelated to defective materials or workmanship, or (c) has had the serial number altered or removed.

Any implied warranties, including warranties of merchantability and fitness for a particular purpose, are hereby limited in duration to the warranty period of 3 years. In no event shall Schiit Audio be liable for consequential or incidental damages resulting from the breach of any implied or expressed warranties. Some states do not allow these limitations, so they may not apply to you. You may also have other rights which vary from state to state or province to province.

FC Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Modifications not expressly approved by the manufacturer could void the user's authority to operated the equipment under FCC rules.

IN THE BOX

(1) Mimir

(1) Wall-wart, 16VAC, 1A (yes, AC to AC, your silly AC-to-DC audiophile thing won't work)

(1) Forkbeard Module (if you ordered it!)

(0) Standard digital filters

(0) Datasheet design or same-think

(1) Completely unique Mesh™ DAC

(1) Complete digital preamp (with Forkbeard)

(Infinite) Appreciation from the whole Schiit crew in San Antonio and Corpus Christi

(Even more) Thanks from our chassis and PCB guys in California and Utah

CE This product is in compliance with standards and regulations of the European Community.

FORKBEARD
ENABLED

SCHIIT.COM
INFO@SCHIIT.COM